

MINUTES

Meeting of ACI Subcommittee 546.3 Repair of Concrete, Materials Selection Guide Pittsburgh, PA October 24, 2010

- 1.0 Call to Order:** Dick Reed called the subcommittee meeting to order in Pittsburgh, PA at 8:30 a.m. on October 24, 2010. Dick Reed recorded the minutes.

The following members attended the meeting.

Paul Gaudette	Harald Greve	Clyde Porter, Jr.
Tim Gillespie	Kevin Krawiec	Dick Reed
Fred Goodwin	Byoung-jun Lee	Kurt Wagner

The following visitors attended the meeting.

Juan Carlos Ochoa	Russell Snow
Phil Seabrook	Juan Felipe Carvahal Vinasio

2.0 Second Edition of Guide:

1. The following is the proposed Table of Contents for the next edition of the Guide.

- Chapter 1 - Introduction
- Chapter 2 - Properties of Surface Repair and Overlay Materials and Their Importance
- Chapter 3 - Surface Repair and Overlay Material Selection
- New** Chapter 4 - Properties of Crack Repair Materials and Their Importance
- Chapter 5 - Crack Repair Material Selection - rewrite of 2nd half of existing Chapter 3
- New** Chapter 6 - Properties of Surface Sealers and Membranes and Their Importance
- New** Chapter 7 - Surface Sealer and Membrane Material Selection
- New** Chapter 8 - Other Repair Materials
- Chapter 9 - References
- Appendix A

3.0 Remaining Work and Schedule.

1. Chapter 2 - Dr. David Fowler agreed in March 2009 to provide typical properties of surface repair and overlay materials, other than concrete, in Table 2.1. Dr. Fowler did not respond to a request for a status update in September 2009, and no information has been received to date.
2. Chapter 5 - The subcommittee finished reviewing the ballot comments. A current version of the Chapter, with track changes is on the ACI web site.
3. Chapter 6 - A draft of this Chapter is on the ACI web site. This Chapter will be balloted with Chapter 7 after the draft of Chapter 7 is completed.

4. Chapter 7 - The draft of this Chapter is partially completed, with the surface sealer and anti-carbonation coatings sections written. The draft for traffic-bearing elastomeric coatings remains to be written.
5. Chapter 8 - It was decided to add Chapter 8 for other materials, such as calcium nitrite (corrosion inhibitor and penetrant) and Xypex, which do not fit in any of the other chapters. It is hoped that a draft of this Chapter will be completed by the Spring convention; Dick Reed will pursue this.
6. The entire Guide must be coordinated for the changes in the Second Edition.
7. The Guide must be coordinated with related ACI committees for consistency and to eliminate duplication. Several committees that were identified were 224, Cracking; 362, Parking Structures; 503, Adhesives for Concrete; 515, Protective Systems for Concrete; and 548, Polymers in Concrete.

4.0 Adjournment: The meeting was adjourned at 10:30 a.m.

Respectfully submitted,

Dick Reed, Subcommittee Chairperson

cc: Paul Gaudette; Chair, ACI Committee 546
Jim McDonald; ACI-TAC Liaison to ACI Committee 546
Dan Falconer; ACI-TAC Secretary
Pat Levicki; ACI International